

Joseph Lstiburek, Ph.D., P.Eng, ASHRAE Fellow

Building Science

The “Enclosure”

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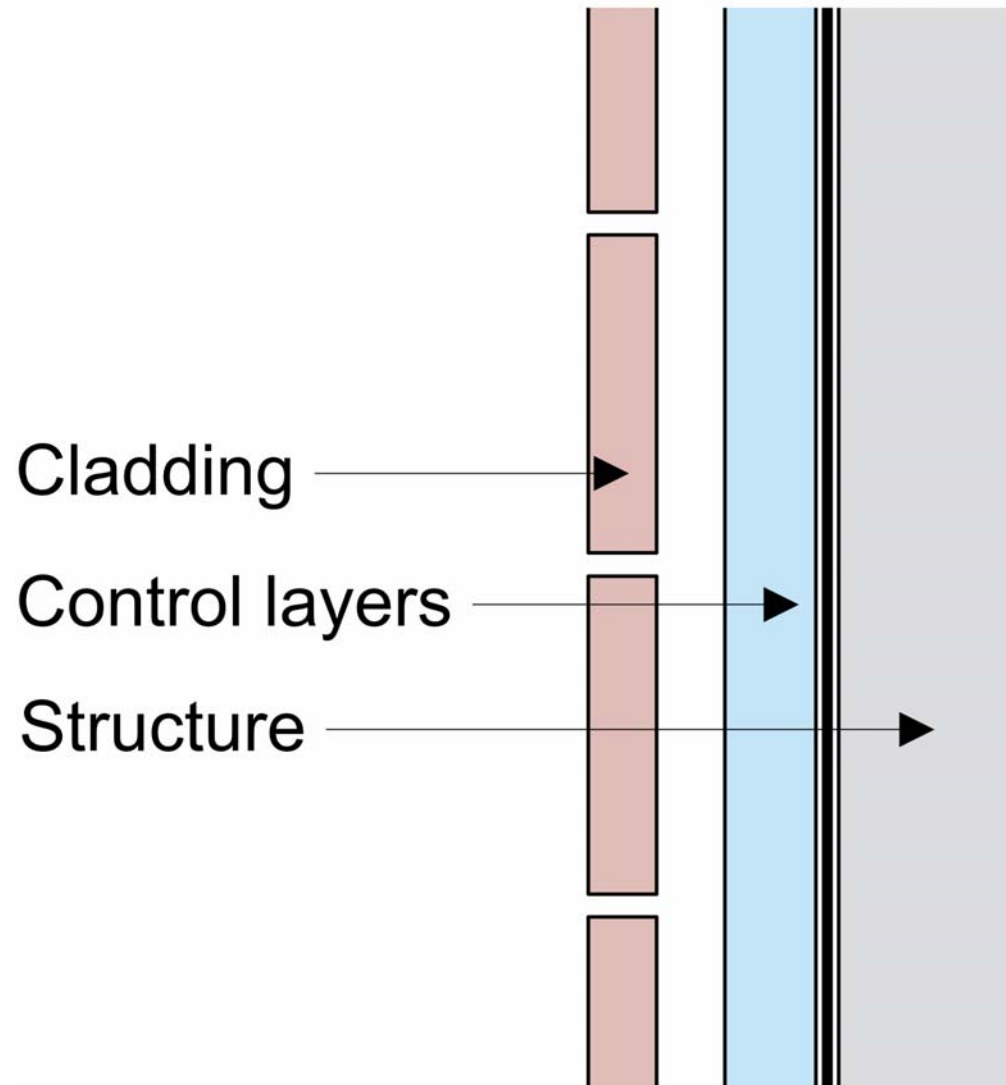
- Control heat flow
- Control airflow
- Control water vapor flow
- Control rain
- Control ground water
- Control light and solar radiation
- Control noise and vibrations
- Control contaminants, environmental hazards and odors
- Control insects, rodents and vermin
- Control fire
- Provide strength and rigidity
- Be durable
- Be aesthetically pleasing
- Be economical

Water Control Layer

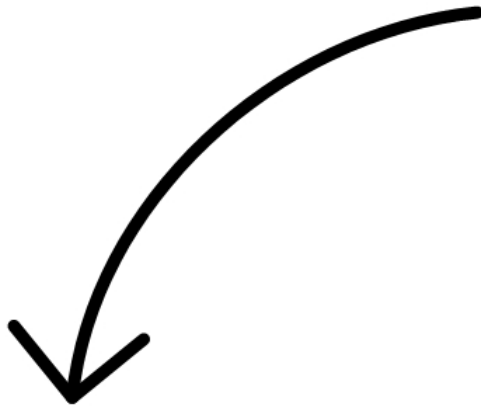
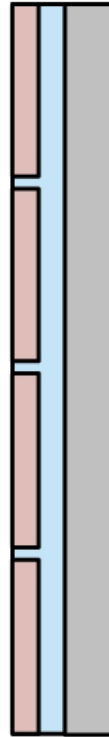
Air Control Layer

Vapor Control Layer

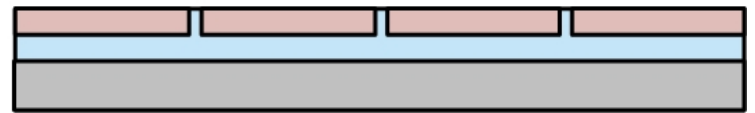
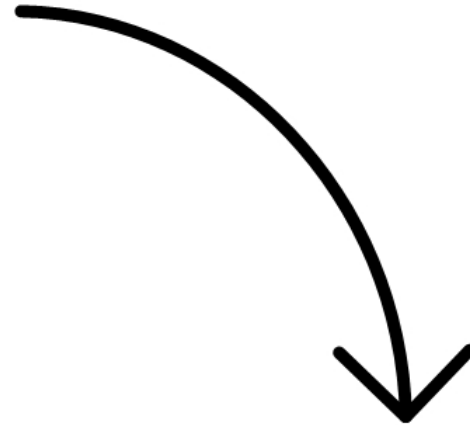
Thermal Control Layer



Wall



Slab



Roof

